

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COPY FOR CONTINUING  
APPLICATIONDeclaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

OSTEOCLAST PROTON PUMP SUBUNIT

the specification of which (check one)

☐ is attached hereto.☒ was filed on February 22, 1996 as United States Application

Number or PCT International Application Serial No.08/605,378

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)Priority  
Not  
Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[ ]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[ ]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[ ]

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

_____ (Application Number)	_____ (Filing Date)
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_____ (Application Number)	_____ (Filing Date)
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States

application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status, patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status, patented, pending, abandoned)
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As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states:

David E. Brook	Reg. No. 22,592	Thomas O. Hoover	Reg. No. 32,470
James M. Smith	Reg. No. 28,043	Alice O. Carroll	Reg. No. 33,542
Leo R. Reynolds	Reg. No. 20,884	N. Scott Pierce	Reg. No. 34,900
Patricia Granahan	Reg. No. 32,227	Richard A. Wise	Reg. No. 18,041
Mary Lou Wakimura	Reg. No. 31,804	Richard W. Wagner	Reg. No. 34,480

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

and

Send correspondence to: Patricia Granahan, Esq.  
Hamilton, Brook, Smith and Reynolds, P.C.  
Two Militia Drive, Lexington, Massachusetts 02173

Direct telephone calls to: Patricia Granahan, Esq.

(617) 861-6240

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Philip Stashenko

Inventor's

Signature Philip Stashenko Date May 14, 1996

Residence 5 Suffolk Road

Norfolk, Massachusetts 02056

Citizenship USA

Post Office Address Same as Above

Full name of second joint

inventor, if any Yi-Ping Li

Second Inventor's

Signature Yiping Li

Date 5/15/86

Residence 91 Westland Avenue

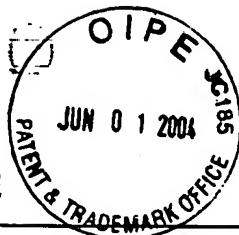
Boston, Massachusetts 02115

Citizenship China

Post Office Address Same as above



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE



APRIL 15, 2003

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
LISA M. TREANNIE, ESQ.  
530 VIRGINIA ROAD, P.O. BOX 9133  
CONCORD, MA 01742-9133

**RECEIVED**

APR 28 2003

\*102313655A\*

**MINTZ LEVIN, BOSTON  
PATENT DOCKET DEPT.**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/13/2002

REEL/FRAME: 013568/0152  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
STASHENKO, PHILIP

DOC DATE: 11/13/2002

ASSIGNOR:  
LI, YI-PING

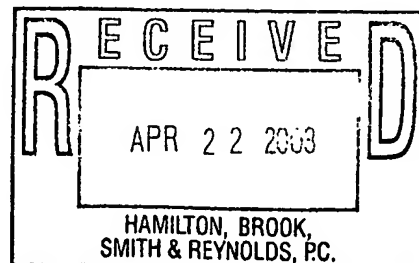
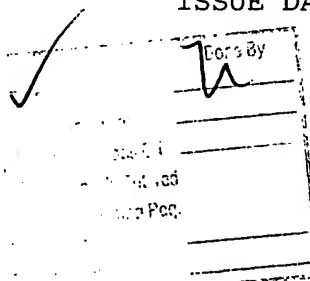
DOC DATE: 11/12/2002

ASSIGNEE:  
FORSYTH DENTAL INFIRMARY FOR  
CHILDREN  
140 THE FENWAY  
BOSTON, MASSACHUSETTS 02115-3799

SERIAL NUMBER: 09618304  
PATENT NUMBER:

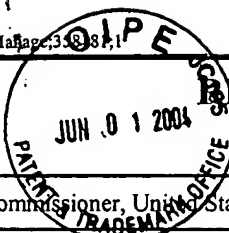
FILING DATE: 07/18/2000  
ISSUE DATE:

LAZENA MARTIN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



12-17-2002

ET



RECORD.



102313655

Original documents or copy thereof.

To the Commissioner, United States Patent and

## 1. Name of conveying party(ies)

- 1) Philip Stashenko  
2) Yi-Ping Li

12-13-02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 1) 11/13/02; 2) 11/12/02

## 2. Name and address of receiving party(ies)

Name: Forsyth Dental Infirmary for Children

Internal Address:

Street Address: 140 The Fenway

City: Boston

State: MA

ZIP: 02115-3799

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
09/618,304

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Lisa M. Treannie, Esq.

Internal Address:

Hamilton, Brook, Smith &amp; Reynolds, P.C.

Street Address: 530 Virginia Road, P.O. Box 9133

City: Concord State: MA ZIP: 01742-9133

## 6. Total number of applications and patents involved:

7. Total Fee (37 C.F.R. 3.41)..... \$ 40.00

- ☒ Enclosed  
☒ Authorized to charge any deficiencies or credit any overpayment to deposit account  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

08-0380

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Pamela A. Torpey

Name of Person Signing

Pamela A. Torpey

Signature

December 9, 2002

Date

12/17/2002 LMUELLER 00000006 09618304

01 FC:8021

Total number of pages including cover sheet, attachments, and document: [4]

OFFICE OF PUBLIC RECORDS  
 2002 DEC 13 AM 7:45  
 FINANCE SECTION

JointASSIGNMENT

WHEREAS, we, **Philip Stashenko and Yi-Ping Li**, have invented a certain improvement in **Osteoclast Proton Pump Subunit** described in an application for Letters Patent of the United States, the specification of which:

- ☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☒ was filed on **July 18, 2000** as Application No. **09/618,304**;
- ☐ was patented under U.S. Patent No. ☐ on ☐.

WHEREAS, **Forsyth Dental Infirmary for Children** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **140 The Fenway, Boston, Massachusetts 02115-3799** desires to acquire an interest therein in accordance with agreements duly entered into with us;

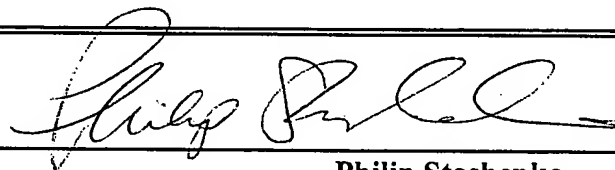
NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: \_\_\_\_\_



**Philip Stashenko**

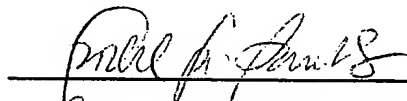
State/Commonwealth

of MASSACHUSETTS

County of SUFFOLK

Then personally appeared before me the above-named **Philip Stashenko** and acknowledged that he executed the foregoing instrument as his free act and deed this 13<sup>th</sup> day of NOVEMBER, 2002.

(SEAL)



Notary Public

RODER B. SAILOR

(print name)

My Commission expires 08/25/06

Inventor's Signature: \_\_\_\_\_

Yi-Ping Li  
Yi-Ping Li

~~State~~/Commonwealth

of MASSACHUSETTS

County of SUFFOLK

Then personally appeared before me the above-named **Yi-Ping Li** and acknowledged that he executed the foregoing instrument as his free act and deed this 12<sup>th</sup> day of NOVEMBER, 2002.

(SEAL)

Roder B. Sanchez Notary Public  
RODER B. SANCHEZ (print name)

My Commission expires 12/25/06